

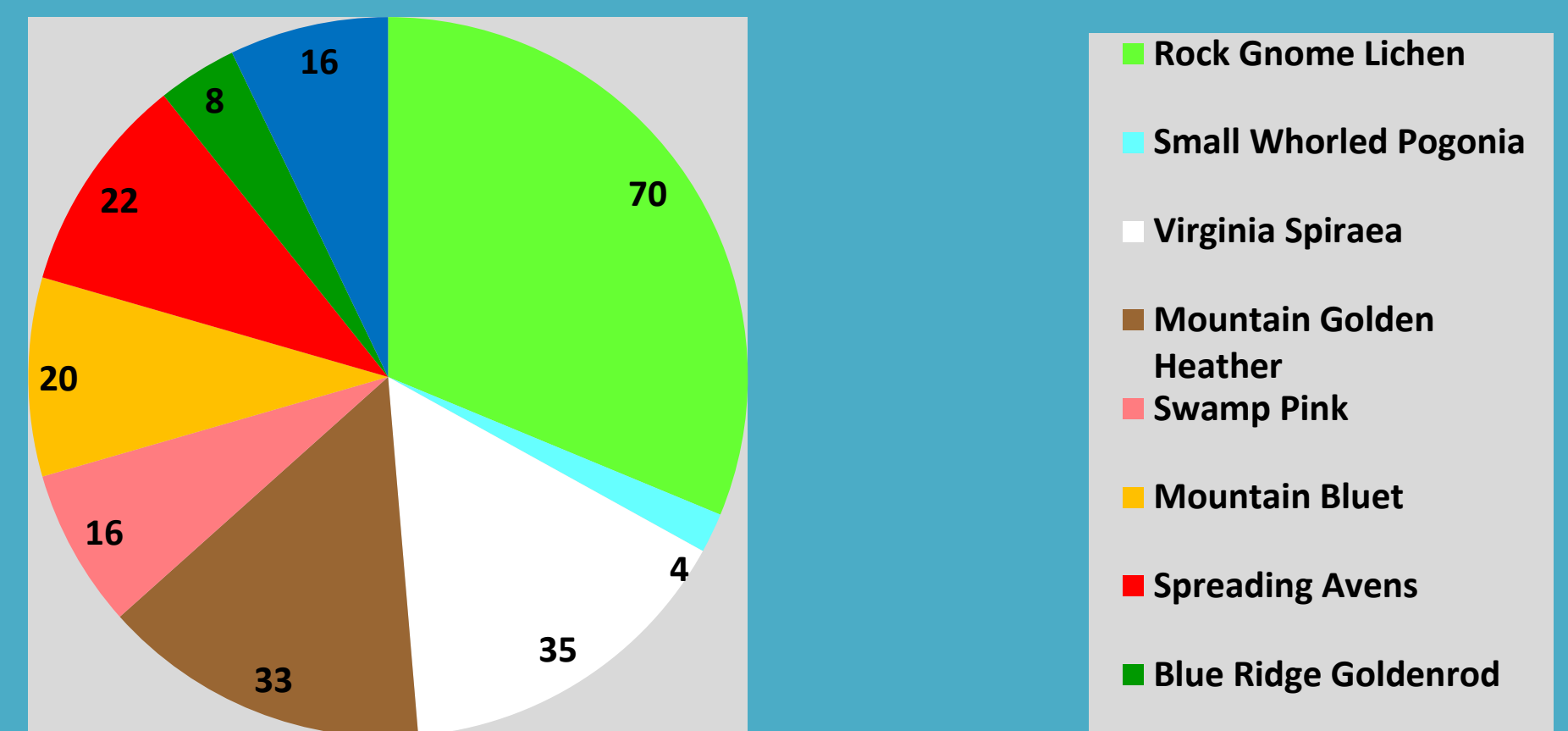
# FEDERALLY LISTED PLANTS

Nine plants known to occur within 224 discrete units

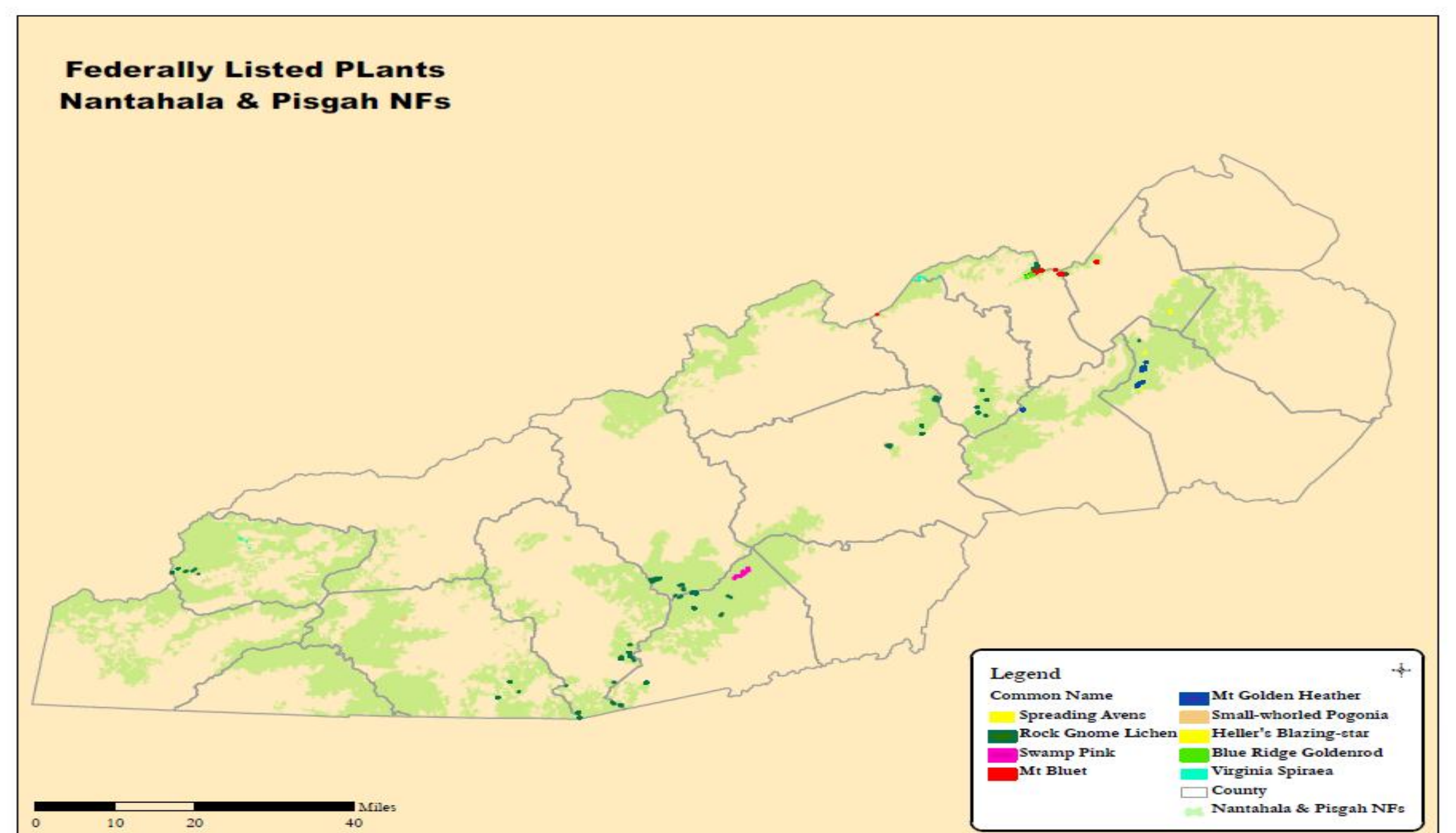
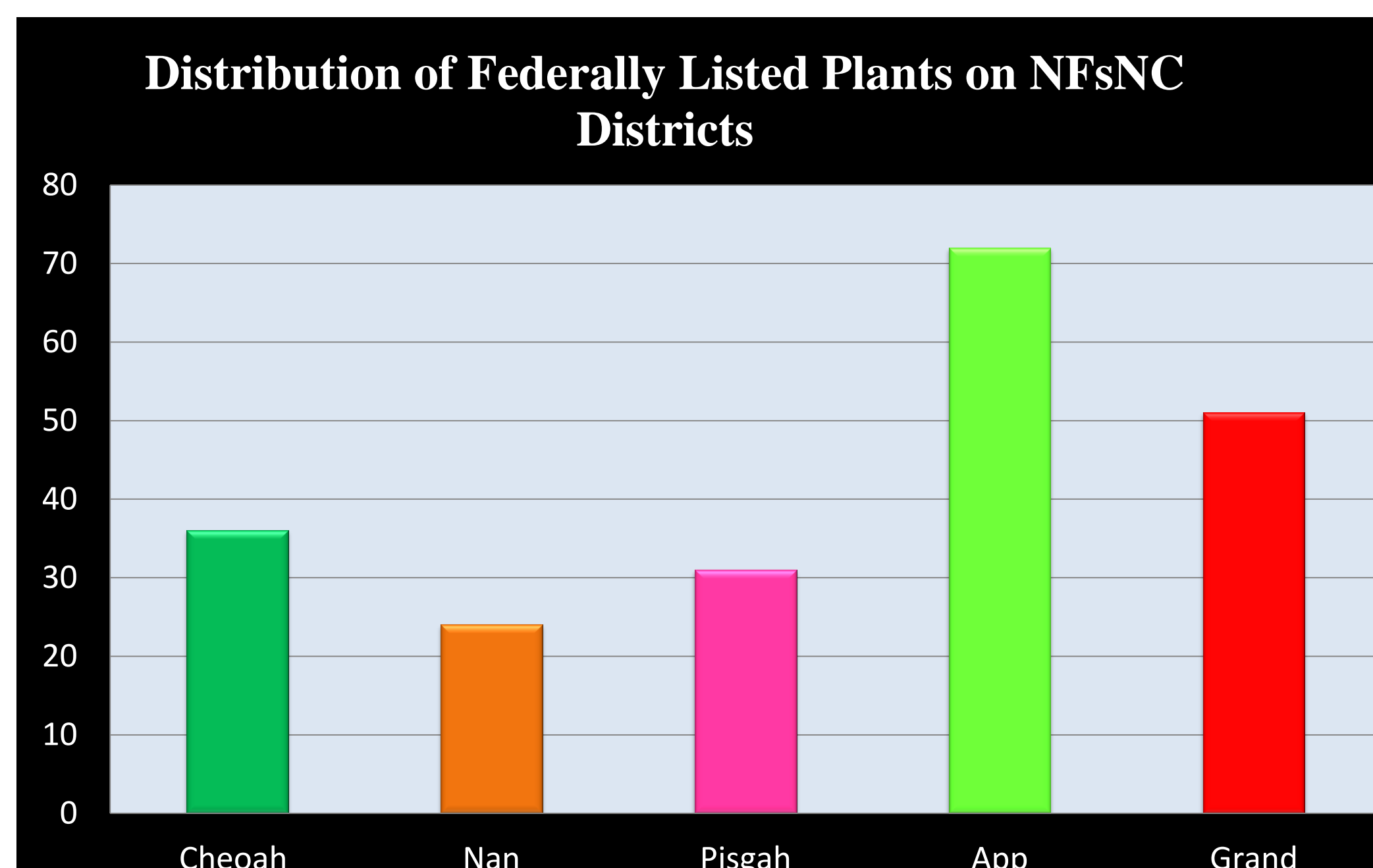
Three others with occupied habitat nearby and suitable habitat on NP

- 1 lichen - Rock Gnome Lichen
- 1 shrub - Virginia Spiraea
- 1 subshrub - Mountain Golden Heather
- 4 rock outcrop herbs -- Heller's blazing-star, Spreading Avens, Mountain Bluet, Blue Ridge Goldenrod
- 4 wetland herbs – Swamp Pink, Green Picher Plant, Mt. Sweet Pitcher Plant, Bunched Arrowhead
- 1 forested herb – Small-whorled Pogonia – historical, recently lost
- All except Virginia Spiraea and Small-whorled Pogonia with at least 1 population present in designated area

Federally Listed Plant occurrences in Nantahala and Pisgah NFs

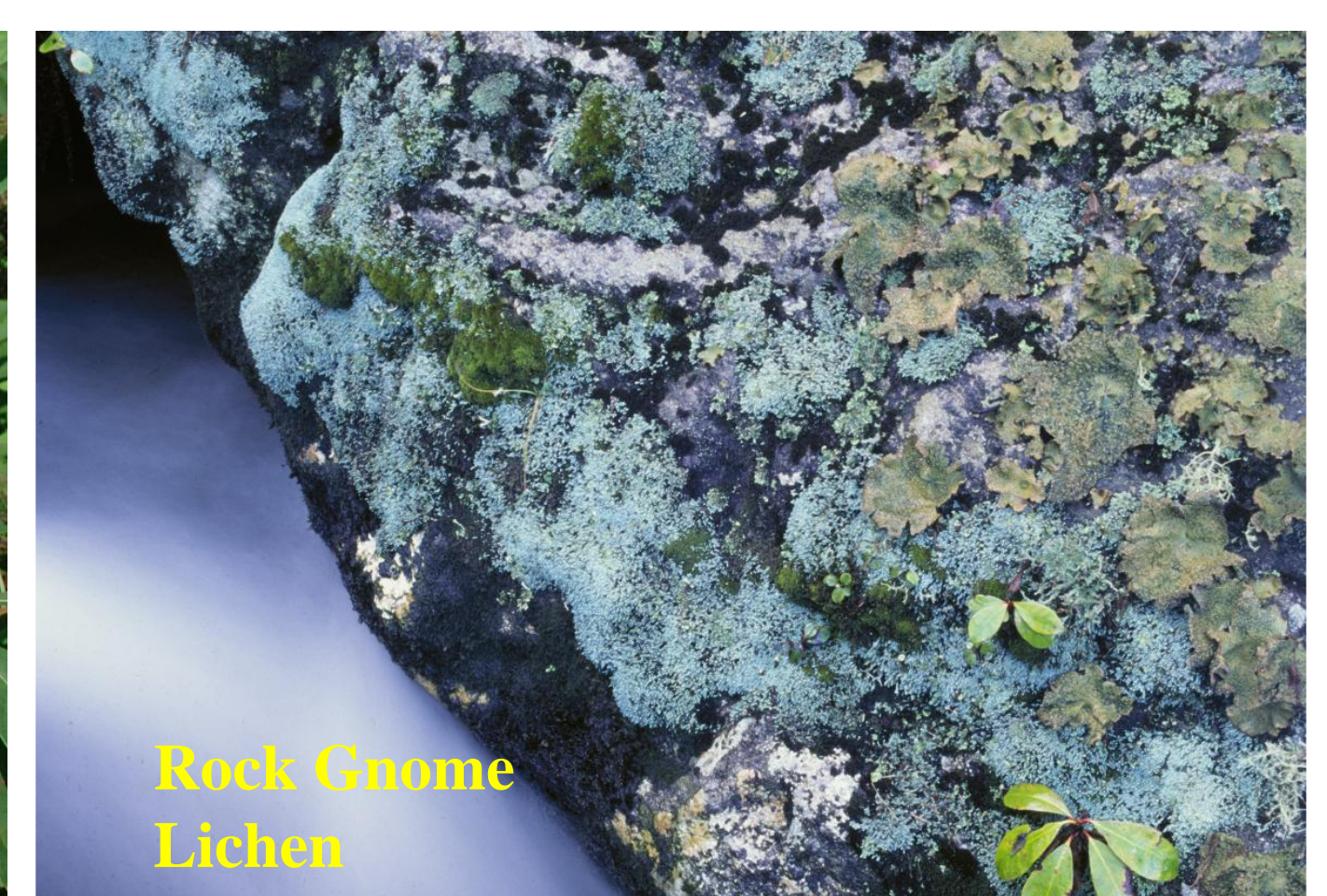


Habitats for federally listed species are unevenly distributed across the Nantahala-Pisgah NFs



## Threats to Populations

- Hydrological changes
- Non-native Invasive Plants
- Woody plant invasion
- Fire suppression
- Successional change



## Existing Management Activities

- Inventory and Control Invasive Plants
- Prescribe Burns surrounding habitat
- Mechanically treat woody invaders
- Monitor for new threats and habitat restoration

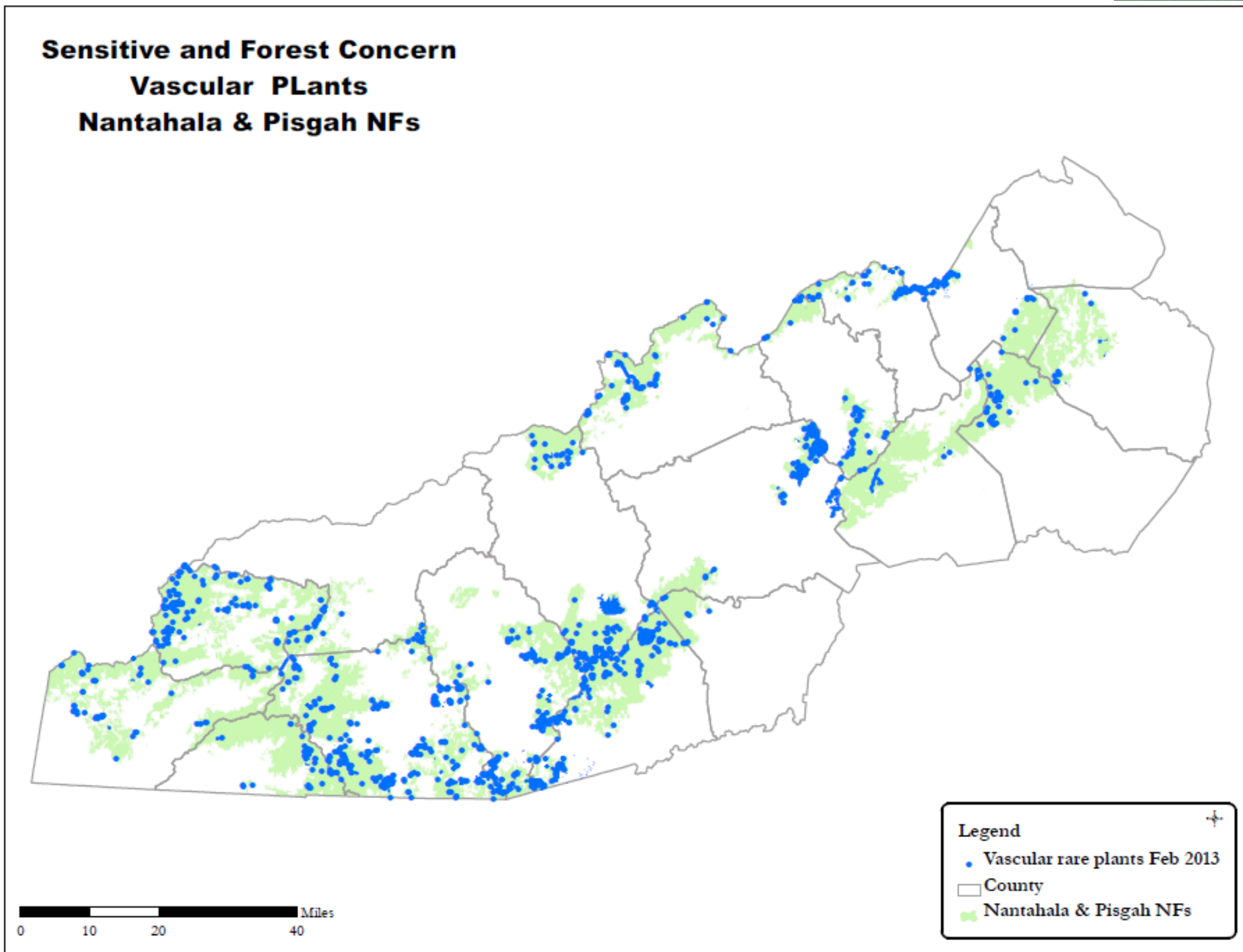


# OTHER RARE PLANT SPECIES

- 145 Region 8 Sensitive (restricted range) 282 NFsNC Forest Concern (peripheral or disjunct in NC Forests)

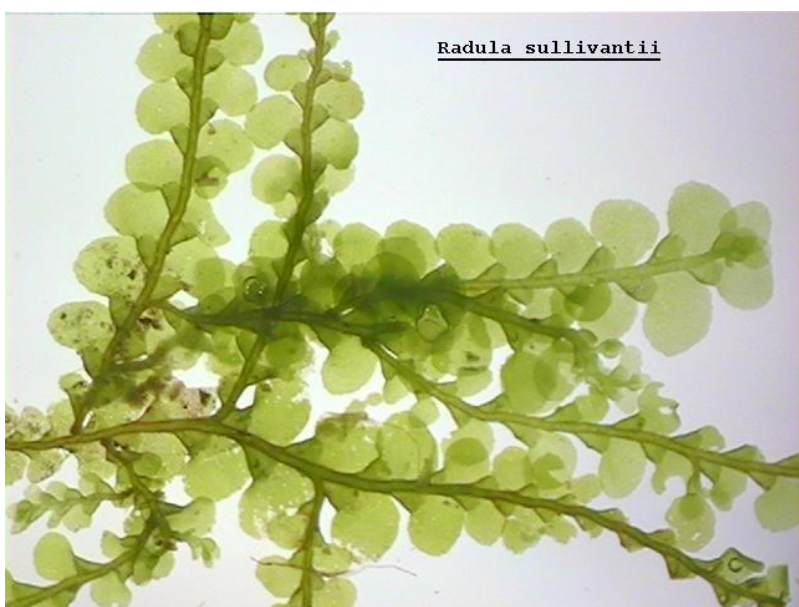
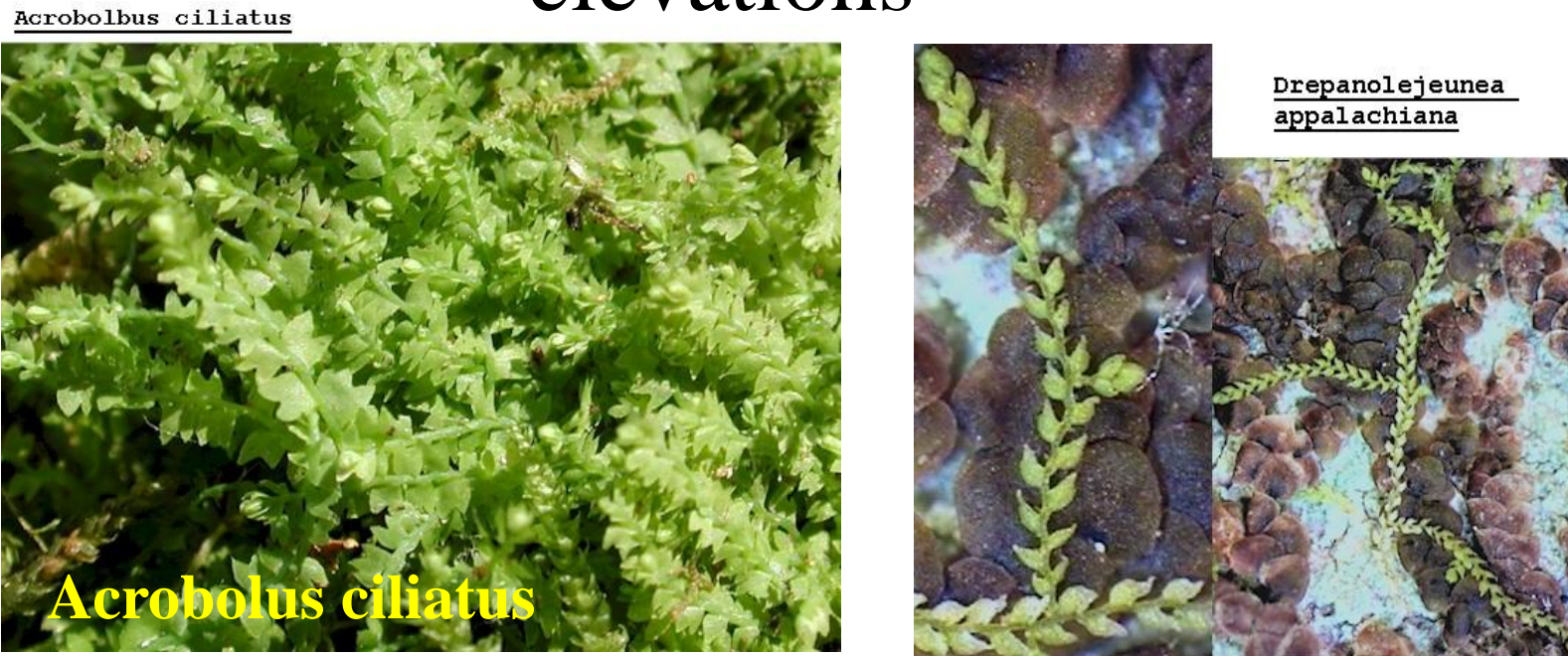
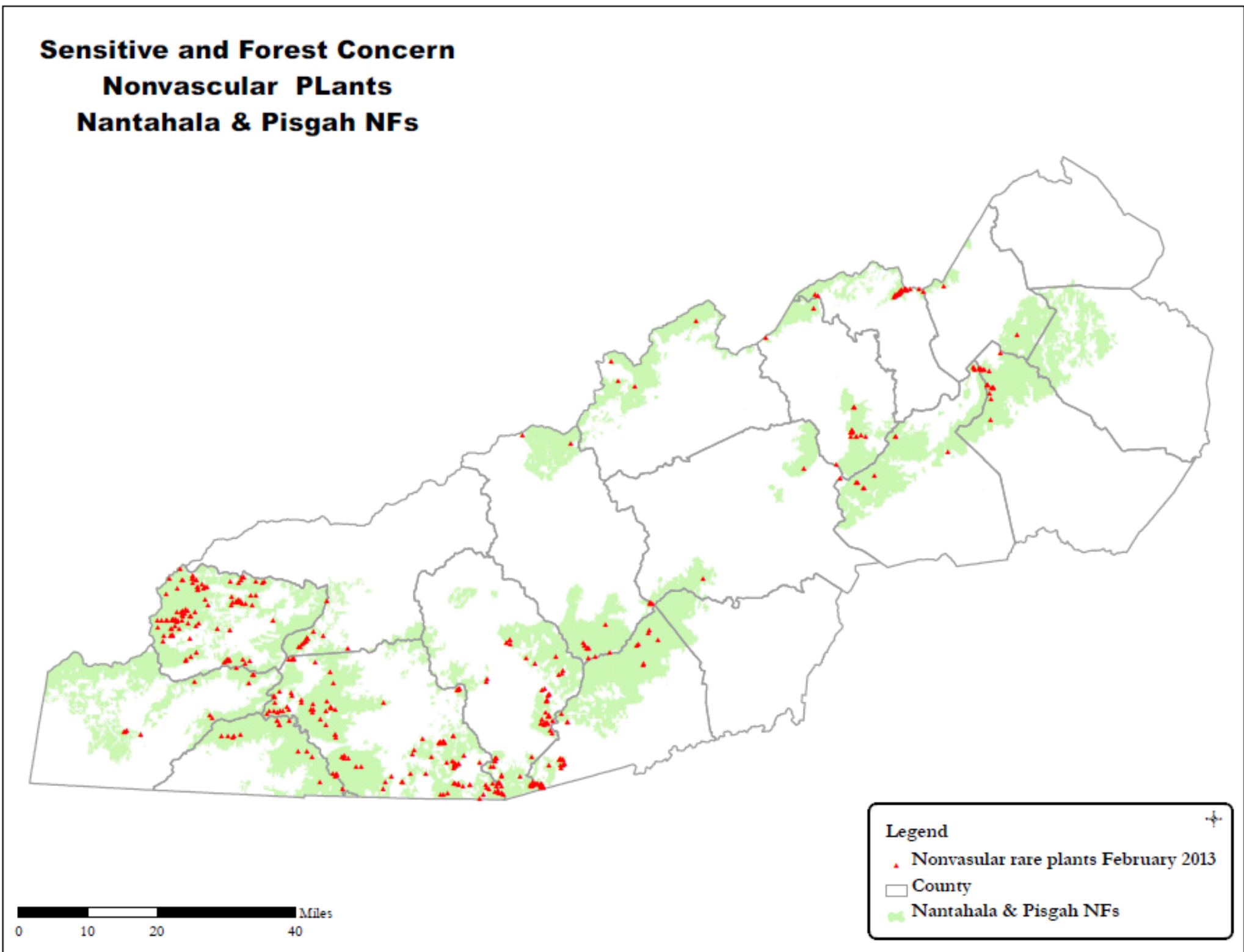
The 271 vascular plants are diverse consisting of:

- 4 Trees
- 20 Shrubs
- 6 Vines
- 27 Ferns or Fern-like
- 55 Grasses, Sedges, and Rushes
- 15 Orchids
- Widely distributed across forest with greater concentration in mid-high elevations
- Less Abundant Grandfather & Tusquitee Ranger Districts



The 156 nonvascular plants are also diverse consisting of:

- 56 Liverworts,
- 77 Mosses,
- 21 Lichens
- 2 Hornworts
- Tend to be concentrated in river gorges or at high elevations



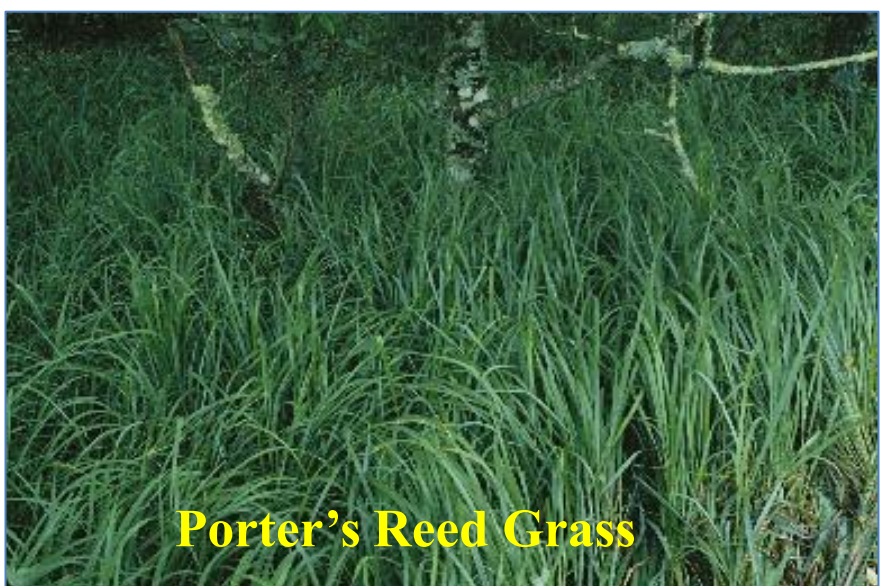
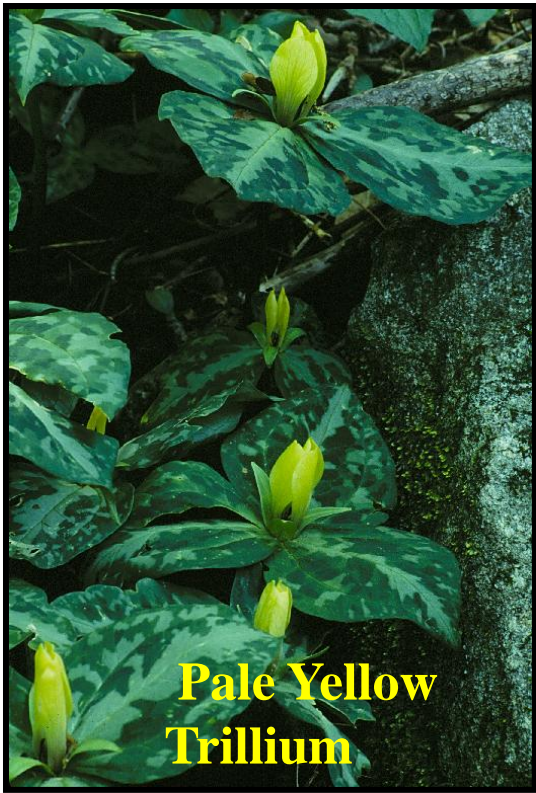
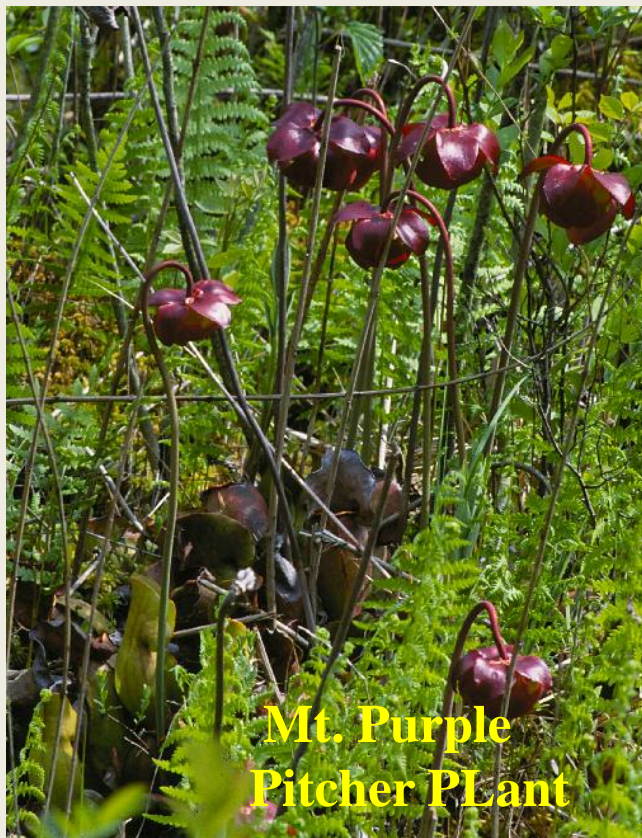
# SPECIES OF CONSERVATION CONCERN

Selected species may include existing sensitive and forest concern plants . It will include all:

- G/T 1-2 ranked species
- Species with 90-day positive finding for federal listing
- Species that were federally delisted in last 5 years

Selection criteria includes:

- Rarity such as restricted range or low population numbers
- Declining trends in population numbers
- Significant threats to populations and /or habitat
- Identification in adjoining USFS units
- NC or Cherokee Tribe T&E
- NC or Cherokee Tribe species of conservation concern



# ARE THERE OTHER CRITERIA YOU WOULD LIKE TO SEE EVALUATED?